

(SF-1877)

Status of Soviet Energetics Prior to  
22nd Party Congress, 5 pp.

RUSSIAN, per, Energetic, No 10, 1961,  
pp 1-4.

JPRS 13533

191,657

USSR  
Econ  
Apr 62

(SF-1877)

Summary of Fuel Consumption at the Rayon  
Thermo Electric Power Stations in 1960,  
by G. S. Lifshits, ~~App.~~

*ENERGETIC*  
RUSSIAN, ~~per~~, No 10, pp 9-11.

JPRS 13533

USSR  
Econ  
Apr 62

191,656

(SF-1877)

Type TGM-94 Boiler Aggregate, 3 pp.

RUSSIAN, per, Energetic, No 10, 1961,  
pp 39, 40.

JPRS 13533

USSR  
Econ  
Apr 62

191,658

(NY-3000)

HIGH-VOLTAGE ELECTRICAL DEVICES, 6 PP.

RUSSIAN, PER, ENERGETIK, NO 11, 1961,  
PP 38-39.

JPRS 12190

USSR  
ECON  
FEB 62

180,680

(SF-1857)

Electric Power Production in Hungary,  
6 pp.

RUSSIAN, per, Energetik, Vol IX, No 12,  
1961, pp 27, 28.

JPRS 13985

EEur - Hungary  
Econ  
Jan 62

197, 9/10

Sovietov, N. A.  
REDUCTION OF SIGNAL TIME LAG FOR A SUPER-  
HEATED STEAM TEMPERATURE STEP CHANGE  
[1963] [5p] Iref C. E. Trans. 2706.  
Order from OTS, SLA, or ETC \$1.10 TT-63-23948

Trans. of Energetik (USSR) 1962 [v. 10] no. 1,  
p. 1-3. (Abstract available)

DESCRIPTORS: \*Steam, \*Temperature control,  
Control systems, Time signals, \*Time-lag theory,  
\*Boilers, Timing devices.

The possibilities of reducing the time lag of the change  
of temperature signal for superheated steam were  
investigated on a boiler type TP-230-2. Attention was  
confined to the basic factors governing the time-lag  
of the step change signal: time lag due to the super-  
heater itself, time lag due to the detecting element and  
(Engineering--Mechanical, TT, v. 11, no. 2) (over)

TT-63-23948

- I. Sovietov, N. A.
- II. CE Trans-2706
- III. Central Electricity  
Generating Board  
(Gl. Brit.)

NLI(LOAN)F&T:  
9022.09 1963(2706)

Office of Technical Services

Unification of Electric Power Stations, 6 pp.

RUSSIAN, per, Energetik, No 2, 1962, pp 1-4.

JPRS 15820

USSR

Econ

Oct 62

116,998

(NY-3000)

NEW HIGH-VOLTAGE BREAKERS, DRIVE MECHANISMS,  
DISCONNECTORS, AND SHORTING SWITCHES, 6 PP.

RUSSIAN, PER, ENERGETIK, NO L, 2, 1962, PP 39.

JPRS 14325

USSR

ECON

SCI - ELECTRICITY

JUL 62

201161



The Use of Condensers for Heating  
Mains Water, by I. N. Krichkar.  
RUSSIAN, per, Energetik, 1962, Vol 10,  
No 3, pp 14-16.  
MLL RTS 2421 (On Loan or Purchase)

Aug 65

286,973

TT-64-23519

(HY-3000)

INDOOR CURRENT TRANSFORMERS FOR 20 KV, 4 PP.

RUSSIAN, PER, ENERGETIK, NO 3, 1962, PP 37-38.

JPRS 1425

USSR

ECON

SCI- ELECTRICITY

JUL 62

204,162

(SF-1877)

150 AND 200 MILLION WATT BLOCKS,  
8 PP.

RUSSIAN, PER, ENERGETIK, 3 APR 1962,  
NO 4, PP 1-4.

JPRS 14270

SCI - ELECTRICITY  
JUL 62

201,973

DECREASE CONTINUOUSLY THE CONSUMPTION OF FUEL  
PER UNIT OF OUTPUT AT ELECTRIC POWER STATIONS,  
5 PP.

RUSSIAN, PER, ENERGETIK, NO 6, 1962, PP 1-3.

JPRS 15608

USSR  
ECON  
OCT 62

213,453

HIGH-VOLTAGE EQUIPMENT FROM THE "ELEKTROAPPARAT"  
PLANT (1), 24 PP.

RUSSIAN, PER, ENERGETIK, NO 6, 1962, PP 39, 40.

JPRS 16058

USSR  
ECON  
NOV 62

216,642

WE MUST SUCCESSFULLY COMPLETE CAPITAL REPAIRS.  
ON THE EQUIPMENT,, 7 PP,

RUSSIAN, PER, ENERGETIK, AUG 1962, PP L-4.

JPRS 16569

USSR  
ECON  
DEC 62

217,316

Regeneration of Transformer Oil in Operating  
Current-Carrying Transformers With Silica Gel  
Activated With Gaseous Ammonia, by I. V. Brai.  
RUSSIAN, per, Energetik, Vol 10, No 8, 1962,  
pp 23-26.  
ATS-RJ-4835

Sci  
Dec 68

353,881

IN XX B THE ALL-UNION MAIN ELECTRIC POWER  
ADMINISTRATION AT THE STATE PLANNING COMMISSION  
USSR, 5 PP.

RUSSIAN, PER, ENERGETIK, NO 8, 1962,  
PP 34-35.

JPRS 16569

USSR  
ECPN  
DEC 62

217,313



AUTOMATION AND TELEMCHANICS, 6 PP.

RUSSIAN, PER, ENERGETIK, NO 9, 1962, PP 1-4.

JPRS L6569

USSR  
ECON  
DEC 62

217,319

ELECTRIC POWER BEFORE THE 45TH ANNIVERSARY  
OF THE GREAT OCTOBER REVOLUTION, 5 PP.

RUSSIAN, PER, ENERGETIK, NO 11, 1962,  
PP 1-4.

JPRS 17380

USSR  
ECON  
JAN 63

221,025

New Method of Fault Location in Power Cables,  
by N. P. Lavrentev.

RUSSIAN, per, Energetik, Vol X, No 11,  
1962, pp 24-25.

NLL Ref. 9022.09 1963 ~~(2,909)~~  
(2,909)  
(Loan)

Sci - Electron  
Nov 63

242,307

ELECTRIC POWER INDUSTRY AT THE THRESHOLD OF NEW  
DEVELOPMENTS, 7 PP.

RUSSIAN, PER, ENERGETIK, NO 4, 1963, PP 1-5.

JPRS 19474

USSR  
ECON  
JUN 63

231,568

THE TECHNICAL LEVEL OF SOVIET ELECTRIC POWER  
INDUSTRY MUST BE RAISED, 9 PP.

RUSSIAN, PER, ENERGETIK, NO 5, MAY 1963, PP 1-5.

JPRS 20894

USSR  
ECON  
SEP 63

342,928

XXXXXXXXXXXXXXXXXXXX  
ON THE PREPARATION TO THE AUTUMN AND WINTER LOAD  
MAXIMUM, 5 PP.

RUSSIAN, PER, ENERGETIC, NO 8, AUG 1963, PP L-3.

JPRS 21552

SCI-ELEC  
NOV. 63

240,655

SERIES K-VIU OUTDOOR POWER DISTRIBUTION ASSEMBLY  
INSTALLATIONS, 8 PP.

RUSSIAN, PER, ENERGETIK, SEP 1963, PP 29-31.

JPRS 22153

USSR  
ECON  
DEC 63

243,362

Electric Equipment News, 6 pp.

RUSSIAN, per, Energetik, No 10, 1963, pp 46, 47. (Introduction,  
Table of Contents).

JPRS 22804

USSR  
Econ  
Jan 64

247, 106



Power Construction and Output for 1963, 6 pp.

RUSSIAN, per, Energetik, No 11, 1963, pp 1-4.

JPRS 22631

USSR  
Econ  
Jan 64

246, 528

On the Location of the Position of Faults in  
Cables with Instrument of Type IKL-5, by  
V. P. Yaroshkien.

RUSSIAN, per, Energetik, Mar 1963, pp  
18-20  
CEGB-603

June 71

The Selection of Expulsion-type  
Arresters, by P. A. Yurikov.  
RUSSIAN, per, Energetik, 1963,  
Vol XI, No V, pp 9-II.  
NLL 9022.03. 1964 (3396)

USSR  
Sci-Phys  
July 65

284,617

Experimental Electric Transmission Line, 6 pp.

RUSSIAN, per, Energetik, Nov 1963, No 11, pp 43-46.

JPRS 22748

Sci-Electr  
22 Jan 64

246, 557

Mercury Rectifiers, 9 pp.  
RUSSIAN, per, Energetik, No 5, 1964, pp 44-47.  
JPRS 25452

USSR  
Econ  
Sep 64

266,197

Commissioning, Operation and Repair of Type  
TGV-200 Turbo-Generator, by G.S. Dejl.  
RUSSIAN, per, Energetik USSR, No. 11, 1964,  
pp 4-7  
GB 49/1541

Sci -  
Aug 67

335-615

NCH-201 948

Field 10A

Semkin, R. M.; Ourev, I. Ya.  
REPAIR OF TYPE TVF-200-2 AND TGV-200  
TURBO-GENERATORS (Remont Turbogeneratorov  
TVF-200-2 i TGV-200). 11 Jun 66, 10p (foreign text  
included). TP/T-3695.  
Order from NLL

Trans. of Energetik (USSR) v12 n11 p35-8 1964.

L. Associated Electrical  
Industries, Ltd.,  
Trafford Park (England)

(NY-6918)

POWER ENGINEERING IN THE USSR, 853 PP.

RUSSIAN, BK, ENERGETIKA, SSSR, 1961,  
PP 1-380.

JPRS 14283

SCI - ELECTRONICS,  
ENG  
JUL 62

202,041



An Increase of the Critical Reynolds Number  
During Motion of a Fluid in Bent Tubes, by  
I. Z. Aronov, 8 pp.

RUSSIAN, per, Energetika, No 4, 1960, pp 127-132.  
9664206

FED-TT-61-278

Sci - Phys

5 Feb 62

186,640

Investigation of the Effect of Physical Properties  
of a Liquid of the Critical Thermo Flows During the  
Boiling Process, by V. G. Morozov.

RUSSIAN, per, Energetika, No 1, 1961, pp 73-81.

\*FTD-TT-62-674

Sci - Engr.  
24 Apr 1962

(DC-6421)

Selection of the Established Power of Groups  
of Hydroelectric Power Stations in Consolidated  
Power Systems, by D. S. Shchavelov, 17 pp.

RUSSIAN, per, Energetika, No 5, 1961, pp 97-104.

JPRS 11987

Sci - Electricity  
Jan 62

181,394

Reciprocal Marginal Problems and Practical Methods  
for Their ~~Re~~ Solution, by G. G. Tumashev.

RUSSIAN, per, Energetika, No 2, 1961, pp 103-108.

\*FTD-TT-62-675

Sci - Phys, NucPhys

24 Apr 62

(SP-1877)

Crane's Installation of a 200 KW  
MT Turbogenerator in an Open Electric  
Station. 6 pp. by M. M. Gol'zberg.

RUSSIAN per. Energetika, No 7, 1961.  
pp 1-6.

JPRS 11148

7  
173, 171

USSR  
Econ  
Dec 61

Heat Transfer in Reactor Fuel Elements, by V. S. Miller.

RUSSIAN, per, Energetika, No 3, 1962, pp 67-70.

ABO-Tr-5410

Sci - Fuels

Aug 63

344,335

In the Technical Councils, 4 pp.

RUSSIAN, per, Energetika, No 10, 1962, p 38.

JPRS 16495

USSR  
Econ  
Dec 62

On Choosing Methods for the Dimensioning  
of Water-Turbines, by D. Pavel.  
RUSSIAN, per, Energetika, No 7, 1964,  
pp 301-310.  
NLL Ref: 3774.5 1965 (1507)

Sci-Engr  
Jul 66

303,925



Some Problems on Atomic Energy, by M. A. Dolleshal.  
RUSSIAN, rpt, Energetika Podnashchego Izd Moscow,  
1964, pp 39-47.  
NLL Ref: 3774.5 (1563)

Sci-New Sci  
Aug 68

363,655

Hydroelectric Power Plants and the Main Trends in Their  
Development, by T. L. Zolotarov, Y. O. Shteingauz,  
8 pp.

<sup>bk</sup>  
RUSSIAN, ~~part~~, Energetika i Elektrifikatsiya SSSR y  
Semiletke, po Mater'yalam XXI S'ezda KPSS, Chap XIV,  
1960, pp 145-154. 9216502 7216575

OTS 63-11156  
PL-480

246,166

USSR  
Econ  
Econ

( (DC-6982)

SOVIET POWER SYSTEM USES DIGITAL COMPUTER, BY  
G. A. KLIMENKO, S. YE. VASIL'YEV, 7 PP.

RUSSIAN, PER, ENERGETIKA I ELEKTROTEKH PROMY,  
NO 2, APR-JUN 1962, PP 22, 23.

JPRS 14855

SCI - ELECTRONICS

AUG 62

208,391

Future Development and Technical Progress in  
Power in the Ukrainian SSR, 6 pp.  
RUSSIAN, per, Energetika i Elektrotekhnicheskaya Promyshlennost USSR, No 1, 1964, pp 1-2.  
IMSO NLL 1964, Vol 6, No 9, pp 803-808

Sept 66

309,062

Measurements of the Intensity of  
Turbulence in a Gas Flow by the Thermoelectric  
Method, by A. I. Bannikov.

RUSSIAN, per, Energ i Elektrotekhn Promyshl,  
No 3, 1964, pp 32-33.

NASA TT F-10,223

Sci-Elect  
Aug 66

308,905

Electric Power of Siberia, by L. N. Sukhorukov,  
64 pp.  
RUSSIAN, bk, Energetika Sibiri, 1963, pp 27-96.  
ACSI I-6165  
ID 2204055164

Sci - Elec  
Mar 65

276,968

The Nucleonic Cascade, by J. G. Roederer,  
RUSSIAN, per. Fohl Energia Atomica (Argentina),  
Ser Fis, Vol I, No 2, 1974, pp 39-73.

in

NASA TT F-8041

Sol  
Sep 61

168,677

US GOV'T ONLY

Cleavage Energies of Chemical Bonds, Ionization  
Potentials and Electron Affinity Handbook, by  
V. I. Vedensyev, L. V. Gurvich, et al, 218 pp.  
RUSSIAN, bk, Energiia Ratsiya Khimicheskikh  
Svyazei. Potentsialy Ionizatsii i Sredstvo Elektronov  
Sivavochnik, Moscow, 1962.  
AEC-Tr-6302

Sci-Nucl Sci  
Jun 64

260,491



R-5769-D  
3 Sept 65

**Electrical Phenomena in Aerosols & Their Application**

**By: M. Levshits**

**From: Publishing House - "ENERGIYA" Publishing House  
Moscow-Leningrad, 1965 pp 1-77 ( 77 pp )**

**Russian - est for wds:**

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**Do not reproduce any charts, graphs, drawings or pictures.**

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at the end. Document can be cut for paste-up.**

The Germinative Energy and Capacity of Seeds of  
*Quercus Rubra* and *Juglans Regia* as Related to  
Their Position in the Soil, by G. Kh. Molotkovskii,  
3 pp.

RUSSIAN, per, Энергия прорастания и выносли-  
вость семян и ростовая энергия в зависимости от  
их положения в почве. — Доклады Академии  
Наук СССР, Vol 102, No 3, 1955, pp 637-639.  
\*CSPTI TT 68-50428

Sci/B & M  
Feb 68

Explosion Energy and Charge Design, by N. V.  
Mel'nikov and L. N. Marchenko, 128 pp.  
RUSSIAN, bk, Energiya Varyva i Konstruktsiya  
Zaryada, 1964, pp. 3-138.  
JPRS 35928

USSR  
Sci-Engr  
Jun 66

303,194

Energy, Its Sources on Earth and Its Origin,  
Part IV, by P. P. Lazarev, 105 pp.

RUSSIAN, bk, Energiya Yeye Istochniki na  
Zemle i Yeye Proiskhozhdeniya, Izd-vo Ak  
Nauk SSSR, Moscow, 1959, pp 191-276.  
9685088

FTD-TT-61-479

Sci-Nuclear Phys

Aug 63

342,088

Gas Generators for Atomic Power Stations, 11 pp.  
RUSSIAN, per, Energiz, pp 229-235.  
Dept of Navy MIC Trans 3045

Sci/Prop & Fuels  
June 70

(DC-4616).

Characteristic Features of Turbine Equipment  
in Czechoslovak Hydroelectric Power Plants, by  
L. L. Peterson, 4 pp.

RUSSIAN, per, Energokhozyaystvo za Rubezhom,  
No 3, 1957, pp 39-41.

*May 1957*

JPRS 6244

~~Eng~~ Sci - Engr  
22 Nov 60

*133,841*

11 209

GE-1

DOROSHCHUK B. E., RIVKIN S. L.

The atomic power station of Shippingport (USA)

Atomkraftwerk Shippingport (USA)

Energokhoz. za Rubezhom, No. 4, 9-14 (1958)

German

E u r a t o m

(SF-1923)

Small Capacity Electric Power Plants in the CPR, by  
B. M. Bannikov, 6 pp.

RUSSIAN, per, Energokhoz za Rubeshom, No 3, 1961,  
pp 36-38.

JPRS 4980

Asia - China

170, 427

Econ

Oct 61



A-2125

(NY-2884)

Survey of the Power Industry of China, by A. V.  
Moryakov, 22 pp.

RUSSEAN, bino per, Energo Khozyaystvo Za Rubezhom,  
No 3, Moscow, 1958, pp 1-10.

US JPRS/NY-L-343

PS- China

Econ - Electric Power

74, 791

(DC-5827)

Survey of Power Resources, by M. Yu. Kagan, 7 pp.

~~ROMANIAN,~~

RUSSIAN, per, ~~Energokhoz-ss-Subashon~~, No 5,  
Sep/Oct 1960, pp 1-5.

JPRS 8648'

Ebur - Hungary

Econ

163,673

Aug 61

(SF-1716)

Electric Power Stations in the Chinese People's Republic,  
by S. K. Kamenakiy, 5 pp.

RUSSIAN, per, Energokhozyaystvo za Rubezhom,  
No 1, 1961, pp 36-39.

JPBS 4577

FE - China

Econ

152,559

May 61

(DC-5827)

Some Problems in Electric Power Engineering,  
by V. D. Dubrov, 4 pp.

RUSSIAN, per, Energokhoz za Rubenhom, No 5,  
Sep/Oct 1960, pp 44-46.

JPRS 8648

EEur - Poland

Econ

Aug 61

163,654

Power Engineering Plant and Its Workers, by  
An. Vakhov, 2 pp.

RUSSIAN, bk, Energomash i Yego Lyudi, 1958.  
(Call No ?) (Extracts)

Army Map Service

Sci - Engr  
14 Jan 63

The Role of the I. I. Polzunov Central Scientific  
Research, Planning and Design Boiler and Turbine  
Institute in the Technical Progress Made by  
Soviet Machine Building, by N. V. Ilyukhin.  
16 pp.

RUSSIAN, per, Energomashinostryeniye, No 11,  
pp ;15-21.  
NAV/NIC/Tran-2857-69

Sci-Misc  
Nov 69

396,676

Cavitation Erosion in the Blades of High-  
Power Hydraulic Turbines, by I. R. Kryukov.  
UFCL

RUSSIAN, per, Energiya, No 3, 1955,  
pp 14-18.

DSIR 11U RTS M. 943

(loan)

Sci - Engr

Feb 60

107,693

Effect of Axial Clearances on Turbine Stage  
Efficiency, by N. S. Varlamov,  
RUSSIAN, per, Energomashinostroenie, No 2,  
1956, pp 10-15.  
NLL 9022.03 (3979)

Sci-  
Apr 67

324,062



Water-Turbines in the Kuybyshev Power Station.

RUSSIAN, per, ~~Energomashstroenie~~, No 4, 1956,  
pp 1-7. *9044204*

DBIR 34110/CT

Sci • Engr  
Mar 59

*83,314*

The Relation Between the Cavitation Coefficient and  
Content of Air Dissolved in the Water of a Hydraulic  
Turbine, by L. S. Shauglyakov, 14 pp.

RUSSIAN, per, Energomashinostroenie, No 5, 1956,  
pp 11-14.

Sci Mus Lib Tr 57/3160

Sci - Engr  
Mar 58

60,525

Furnace Temperature, by A. M. Gurevich,  
A. G. Bloch.

RUSSIAN, per, Energomashinostroyeniye, No 6,  
1956, pp 11-15.

MLL Ref: 9022.09 1964 (3418)  
(loan copy)

Sci  
Sep 64

Centrifugal Pump for Amalgam, by Lev I. Gel'man,  
8 pp.

RUSSIAN, per, Energomashinostroyeniye, No 9,  
1956, pp 23-25. 9670277

AFIC MUL-884/1

Sci - Engr

Jul 61

161,337

Aerodynamic Analysis of N. Z. L. Turbine Stages  
With Twisted Blades, by S. W. Grishchuk.

RUSSIAN, per, Energiash, Vol III, No 4, 1957,  
pp 10-12.

DSIR LIU M.1908  
(loan)

Sci - Engr

Oct 60

130,750

Design Features of the Runners of Variable-Pitch  
Water Turbines Working at High Heads, by L. N.  
Petrov, L. D. Esin.

RUSSIAN, per, *Energomash Stroenie*, Vol III,  
No 5, 1957, pp 1-5.

DAIR 34109/CT

Sci - Engr  
Mar 59

83,315

A New Method of Inspecting the Welded Joints of  
Austenitic Steel Steam Pipes, by M. R. Gubanov,  
V. P. Pushkin. UNCLASSIFIED

RUSSIAN, per, Energomashinostroyeniye, Vol III, No 5,  
May 1957, pp 22-25.

SLA 59-22527  
Navy Tr 1653/Buships 640

Sci - Engr  
Mar 58

59,753

REC TO 2991  
100-444 (100-444) M. 459

A Double-Bladed Water Turbine, by Sh. P.  
Mikhanovskiy.

RUSSIAN, per, Energomashinostroyeniye, Vol III, No 8,  
1957, pp 1-4.

Co-op Tr Sch Tr 422

Sci - Engr  
Mar 58

59,347



Generalised Characteristics of Butterfly  
Valves With Flattened Discs, by I. B. Yan'shin.

RUSSIAN, per, Energomash, No 9, 1957, pp 18-21.

MLL M 3892

Sci - Electron  
Mar 63

224606

Deflections and Stresses in Welded Composite  
Diaphragms With Narrow Blades, by U. G. Koifman,  
V. D. Pshenichniy.

RUSSIAN, per, Energomash, Vol III, No 9, 1957,  
pp 30-34.

DSIR LLU M.1913  
(loan)

Sci - Engr

Oct 60

130,751

Determination of the Resistance of Materials to  
Cavitation by Means of a Magnetostriction Vibrator,  
by M. M. Pisarevskiy, A. F. Erashov, 8 pp.  
UNCL

RUSSIAN, por, Energomash, No 9, 1957, pp 38, 39.

DATE 02-28-82/ST  
Sci Mus Lib 58/1531

Sci - Electronics, Phys NIC h 25-82 P500692268-V  
Mar 59

82, #44

Defects in the Experimental Determination of the  
Efficiency of Water Turbines and Other Hydromachines,  
by W. M. Shchapov, UNCL

RUSSIAN, per, Energomash Stroenie, No 10, 1957,  
pp 23-26.

DSIR/32848/CT

*See index Lib 1191*

Sci - Engr  
Feb 59

*81,428*

CONTACTLESS STRAIN GAUGE, BY K. V. FROLOV.

RUSSIAN, PER, ENERGOMASH, VOL 111, NO 12,  
1957, P 42.

NLL M. 4777

SCI - ENGR

JUL 62

203,009

Calculation of Heat Transfer to Water and Steam  
Near the Critical Point, by Z. L. Miropolskiy, M. E.  
Shitsman.

RUSSIAN, per, Energomashin, Vol IV, No 1,  
1958, pp 8-11.

✓  
Z \*UKAEA Windscale Tr 53

*on loan only*

Sci - Phys  
May 63

The Calculation and Aerodynamic Testing of  
Regulating Valves, by S. N. Shkarbul. UNCL

RUSSIAN, per, Energomashinostroyeniye, No 1,  
1958, pp 12-15.

DSIR 34163/CT

Sci - Engr  
Mar 59

83,389

Stopkiy, S. V.  
THE EFFECT OF FLOW EXCITATION ON THE  
DEVELOPMENT OF CAVITATION IN HYDROTUR-  
BINES (Vliyaniye Vozmushcheniy Potoka na Razvitiye  
Kabitatsii v Gidroturbinakh). Aug 58 [16]p. (foreign  
text included) 9 refs. M1392.  
Order from LC or SLA m\$2.40, ph\$3.30 60-23034

Trans. of Energomashinostroyeniye (USSR) 1958 [v. 4]  
no. 3, p. 24-27.

Experiments show that under conditions of strong  
excitation during cavitation the turbine efficiency  
increases.

(Engineering--Mechanical, TT, v. 5, no. 3)

60-23034

1. Turbines--Cavitation
  2. Vibration--Physical effects
  3. Cavitation--Acoustic factors
- I. Stopkiy, S. V.
  - II. DSIR LLJ M.1392

Office of Technical Services



Comparative Erosion-Resistance Tests on Some Types of  
Steel and Cast Iron, by Z. P. Shulman. UNCLASSIFIED

RUSSIAN, per, Energomashinostroyeniye, ~~Vnt~~ No 4, 1958,  
pp 32-35.

\*DSIR/TCL 113

Sci - Min/Met  
Nov 58

Flow Round a Butterfly Valve and the Effect of  
Its ~~Impact~~ Impact on the Valve, by B. I. Yan'shin.

RUSSIAN, per, Energomash, No 5, 1958, pp 6-9.

NIL M 3891

Sci - Electron  
Mar 63

226,605

Measurement of Attenuation Decrements with a  
Magnetic Induction Pickup.

RUSSIAN, per, Energomashinostroyeniye, No. 6  
1958, pp. 16-19.

CIA X 7106

Nov 69

396,051

The Coefficients of the Transfer of Heat to Boiling  
Water at Excessive Pressures, by V. M. Borishanskiy.  
UNCL

RUSSIAN, per, Energomashinostryeniye, No 7,  
1958, pp 5-9.

DSIR LIU RTS 1074  
12a. 64.

Sci - Phys  
Sep 59

95,858

Calculation of the Effect of Body Thickness in the  
Exit Design and Profiling of the Blades of Radial-  
Axial Hydroturbine Engines, by M. Ya. Baier. UNCL

RUSSIAN, par, Energiomash, No 7, 1958, pp 16-18.

DSIR LLN RTS 1299

(7s. 64.)

801 - Engr

Mar 60

111,086

THE NITRIDING OF E1723 AND 15KH1MF  
STEELS FOR HIGH TEMPERATURE OPERATION, BY  
YA. M. GITEL'ZON, ET AL.

RUSSIAN, PER, ENERGOMASHIN, VOL IV, NO 7,  
1958, PP 32-35.

DSIR RTS 1837

SCI - ENGR

173,186

NOV 61

Analytical Determination of the Coefficient of  
Disk Friction in the Turbulent Region, by N. N.  
Kupryashin, 8 pp.

RUSSIAN, per, Energomash, Vol IV, No 8, 1958,  
pp 17-19.

ATS-75L36R

Sci

OTS, Vol III, No 8

Apr 61

RJ-3320

145,136